

WHAT I/WE CLAIM IS:

1. An isolated extract of deer velvet which contains components which have molecular weights that are substantially less than or equal to 10 kDa and which have a proliferative effect on endothelial cells and/or promote angiogenesis.
2. An isolated extract as claimed in claim 1 wherein the components are peptides.
3. An isolated extract as claimed in claim 1 or claim 2 wherein the components retain the proliferative effect on endothelial cells, and/or retain the ability to promote angiogenesis, even after processing which may subject the components to at least one of the following processes: heating to substantially 100°C for up to substantially 3 minutes; sterilisation by exposure to over 2.5 Mrads of γ -irradiation; or, freeze thawing.
4. Use of an isolated extract as claimed in claim 1 or claim 2 in the manufacture of a medicament for the treatment of wounds.
5. Use of an isolated extract as claimed in claim 1 or claim 2 in the manufacture of a medicament for the treatment of persistent wounds.
6. An isolated extract as claimed in claim 1 wherein the components may be selected from the group including peptides, carbohydrates, nucleic acids, free amino acids, lipids and growth factors or a combination thereof.
7. An isolated extract of deer velvet which contains at least one component present in the extract of claim 1 which has a proliferative effect on endothelial cells and/or promotes angiogenesis.

8. An isolated extract of deer velvet which contains at least one peptide present in the extract of claim 2 which has a proliferative effect on endothelial cells and/or promotes angiogenesis.
- 5 9. A composition which includes a therapeutically effective amount of the component present in the extract of claim 7 for the treatment of wounds.
10. A composition which includes a therapeutically effective amount of the peptide present in the extract of claim 8 for the treatment of wounds.
- 10 11. A composition which includes a therapeutically effective amount of an isolated extract as claimed in any one of claims 2, 3 or 6 for the treatment of wounds.
12. A method of treating a wound comprising administering a composition as claimed in any one of claims 9, 10, or 11 to an animal in need thereof.
- 15 13. An isolated extract for the treatment of wounds substantially as described herein with reference to any example thereof.
14. Use of an isolated extract in the manufacture of a medicament for the treatment of wounds substantially as described herein with reference to any example thereof.
- 20 15. A composition for the treatment of wounds substantially as described herein with reference to any example thereof.